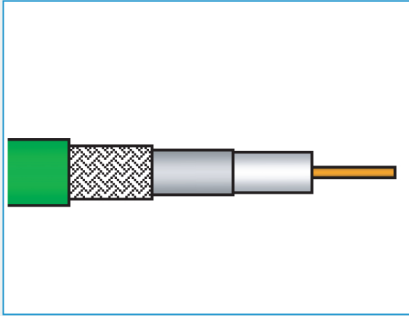


# 1.6/7.3 AF

## Video Cable 75 Ω



### Application

Video cables are primarily used in closed circuit TV systems and in several studio applications for transmission of image signals.

### Standards

For analogue and digital video signals (Composite, Component, SDI, SDV, SDTI, HDTV)

### Fire Rating

- PVC: IEC 60332-1
- LSZH: IEC 60332-1, IEC 61034-2, IEC 60754-1/2
- LSZH-C: IEC 60332-3 C

### Construction

<b>Inner conductor</b>	solid copper wire, bare, diameter 1.6 mm
<b>Insulation</b>	Foam-PE, diameter 7.3 mm
<b>Outer conductor</b>	Al-PET-Al-foil under tinned copper braid, diameter 8.2 mm
<b>Sheath</b>	LSZH, diameter 10.3 mm green, RAL 6018
<b>Weight</b>	Nom. 120(PUR) - 135(LSZH) kg/km
<b>Tensile force N</b>	270

### Electrical Properties at 20°C

<b>DC resistance</b>	Inner conductor	9.5 Ω/km
	Outer conductor	4.3 Ω/km
<b>Mutual capacitance</b>	-	56 pF/m
<b>Characteristic impedance</b>	-	75 Ω ± 0.75 Ω
<b>Velocity ratio</b>	-	78 %
<b>Screening factor</b>	-	≥ 100 dB

### Electrical Data at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	0.4	50 - 300	≥ 26
3	0.7	300 - 3000	≥ 22
5	0.9	3000 - 3500	≥ 18
10	1.3	3500 - 5000	≥ 15
30	2.2	-	-
100	3.9	-	-
200	5.3	-	-
300	7.0	-	-
500	9.2	-	-
800	11.8	-	-
1000	13.2	-	-
1500	16.9	-	-
2250	22.0	-	-
3000	26.4	-	-
3500	30.6	-	-
4000	36.1	-	-
4500	38.1	-	-
5000	41.3	-	-

### Ordering Information

P/N	Product Description	P.U
1002202 CT2760901	1.6/7.3 AF LSZH-C gn, Video Cable 75 Ω, 1.6/7.3 AF	1000m/drum
1002197 CT2757800	1.6/7.3 AF PVC green, Video Cable 75 Ω, 1.6/7.3 AF	1000m/drum
1002461 CT2757900	1.6/7.3 AF PUR green, Video Cable 75 Ω, 1.6/7.3 AF	1000m/drum
1002462 CT2757902	1.6/7.3 AF PUR blue, Video Cable 75 Ω, 1.6/7.3 AF	1000m/drum